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AMENDMENT TO THE CLAIMS:

The following claim set replaces all prior versions, and listings, of claims in the application:

- (currently amended) Process for making high-performance polyethylene multifilament yarn comprising the steps of:
 - a) making a solution of ultra-high molar mass polyethylene (<u>UHPE</u>) in a solvent, <u>wherein the UHPE has an intrinsic viscosity of between 5 and 40</u> dl/g;
 - b) spinning of the solution through a spinplate containing a plurality of spinholes into an air-gap to form fluid filaments, while applying a draw ratio DR_{fluid} of at least 50, wherein DR_{fluid} = DR_{sp} x DR_{sq}, where DR_{sp} is the draw ratio in the spinholes and DR_{sq} is the draw ratio in the air-gap, with DR_{sp} being greater than 1 and DR_{sq} being at least 1;
 - c) cooling the fluid filaments to form solvent-containing gel filaments;
 - d) removing at least partly the solvent from the filaments; and
 - e) drawing the filaments in at least one step before, during and/or after said solvent removing, while applying a draw ratio DR_{solid} of at least 4, wherein
 - each of the spinholes has a geometry comprising a contraction zone having a gradual decrease in diameter from a diameter D_0 to a diameter D_n and a cone angle in the range 8-75°, and wherein
 - each of the spinholes further comprises an inflow zone of constant diameter of at least D_0 and a length L_0 , with a length/diameter ratio L_0/D_0 of at least $\underline{5}$, and wherein
 - each of the spinholes comprises a zone downstream of the contraction zone having a constant diameter D_0 of from 0.3 to 5 mm and a length L_0 with a length/diameter ratio L_0 / D_0 of from 0 to at most 25.
- (original) Process according to claim 1, wherein the spinplate contains at least 100 spinholes.

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(canceled)

- (previously presented) Process according to claim 1, wherein the cone angle is from 10 to 60°.
- (previously presented) Process according to claim 1, wherein the draw ratio in the spinholes is at least 5.
- (original) Process according to claim 5, wherein the draw ratio in the spinholes is at least 10.
- (previously presented) Process according to claim 3, wherein the length/diameter ratio L₁/D₁ is at most 20.
- (previously presented) Process according to claim 7, wherein the length/diameter ratio L_v/D_v is at most 15.
- (canceled)
- 10. (previously presented) Process according to claim 1, wherein the length/diameter ratio L_0/D_0 is at least 10.
- 11. (previously presented) Process according to claim 1, wherein the spinplate comprises at least 10 cylindrical spinholes, and wherein each cylindrical spinhole includes an inflow zone of constant diameter D₀ and a length L₀ with a length/diameter ratio L₀/D₀ of at least 10, a downstream zone of constant diameter D_n and a length L_n with a length/diameter ratio L_n/D_n of at most 15, and a contraction zone between the inflow and downstream zones having a gradual decrease in diameter from the diameter D₀ to the diameter D_n with a cone angle in the range of 10-60°.
- (previously presented) Process according to claim 1, wherein the fluid draw ratio DR_{fluid} applied to fluid filaments is at least 100.

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- 13. (previously presented) Process according to claim 1, wherein step b) comprises spinning a 3-15 mass% solution of linear UHPE of IV 15-25 dl/g through a spinplate containing at least 10 spinholes into an air-gap, the spinholes comprising a contraction zone with a cone angle in the range 10-60° and comprising a zone downstream of the contract zone having a constant diameter D_n and a length L_n with a length/diameter ratio L_n/D_n smaller than 10, while applying a fluid draw ratio DR_{fluid} = DR_{sp} x DR_{sg} of at least 100 and a draw ratio DR_{solid} of between 10 and 30.
- 14. (currently amended) Spinplate for spinning ultra-high molar mass polyethylene (UHPE) having an intrinsic viscosity of between 5 and 40 dl/q comprising at least 10 spinholes, wherein each spinhole has a geometry comprising an inflow zone of constant diameter of at least D₀ and a length of L₀ and a length/diameter ratio L₀/D₀ of at least 5, a downstream zone of constant diameter of at least D_{n1}, wherein Dn is from 0.3 to 5 mm, end-a length L_n and a length/diameter ratio L_n/D_n of from 0 to 25, and a contraction zone between the inflow and downstream zones having a gradual decrease in diameter from the diameter D₀ of the inflow zone to the diameter D_n of the downstream zone and a cone angle in the range 8-75°.
- (previously presented) Spinplate according to claim 14, comprising at least 100 spinholes.